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**Homework 2**

1. **Search engine**
   1. I don’t think it uses stemming. I attempted to have it search for the words incredible and incredibly (they both reduce down to incredibl when stemmed) and got different results for them.
   2. It doesn’t seem to, I attempted to search for queries like “go to usa” and “go the usa” and I got different results pages, this indicates to me that they implement these words inside of their search algorithm.
   3. It definitely does. I searched for “incrediblle” and was given the same results I got when I searched for “incredible”. The only thing that was different was that it asked if I misspelled the word at the top of the results page.
2. **Search enginge**
   1. My precision is 14/30, about 47%
   2. My recall is 14/80, so about 17%